

# C-MPL LIGAND AGONIST ANTIBODY

**Publication number:** JP9289892 (A)  
**Publication date:** 1997-11-11  
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**Classification:**  
**- international:** A61K38/00; A61K39/395; A61P7/00; C07H21/04; C07K16/00; C07K16/18; C07K19/00; C12N15/09; C12N5/00; C12N5/10; C12P21/02; C12P21/08; C12R1/91; A61K38/00; A61K39/395; A61P7/00; C07H21/00; C07K16/00; C07K16/18; C07K19/00; C12N15/09; C12N5/00; C12N5/10; C12P21/02; C12P21/08; (IPC1-7): A61K38/00; A61K39/395; C07H21/04; C07K16/18; C12N15/09; C12N5/10; C12N5/10; C12P21/02; C12P21/02; C12P21/08; C12P21/08; C12R1/91; C12R1/91; C12R1/91  
**- European:**  
**Application number:** JP19960105101 19960425  
**Priority number(s):** JP19960105101 19960425

## Abstract of JP 9289892 (A)

**PROBLEM TO BE SOLVED:** To obtain a new gene coding a chimeric protein containing an extracellular domain of c-MPL and a cell membrane-penetrating through type proteins other than the domain and used for treating aplastic anemia, malignant tumor, thrombocytopenia, etc. **SOLUTION:** This new gene codes a chimeric protein containing an extracellular domain of c-MPL or its part and a cell membrane-penetrating through type protein or its part and is useful for producing the chimeric protein necessary for preparation of c-MPL ligand agonist antibody and the antibody and the protein are effective for chemotherapy of aplastic anemia, malignant tumor, etc. and treatment of thrombocytopenia accompanied by radiotherapy and thrombocytopenia accompanied by bone marrow transplantation. The DNA is obtained by extracting mRNA from HEL 92.1.7 cell, synthesizing its cDNA, cloning the cDNA by PCR method using a primer and binding the resultant DNA of extracellular domain of c-MPL to DNA of interleukin-2 receptor, etc.

Data supplied from the *espacenet* database — Worldwide

(19) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

(11) 特許出願公開番号

特開平9-289892

(43) 公開日 平成9年(1997)11月11日

(51) Int.Cl. <sup>6</sup>	識別記号	庁内整理番号	F I	技術表示箇所
C 1 2 N 15/09	Z N A	9282-4B	C 1 2 N 15/00	Z N A A
A 6 1 K 38/00			A 6 1 K 39/395	N
39/395				A B Y D
	A B Y		C 0 7 H 21/04	B
C 0 7 H 21/04			C 0 7 K 16/18	

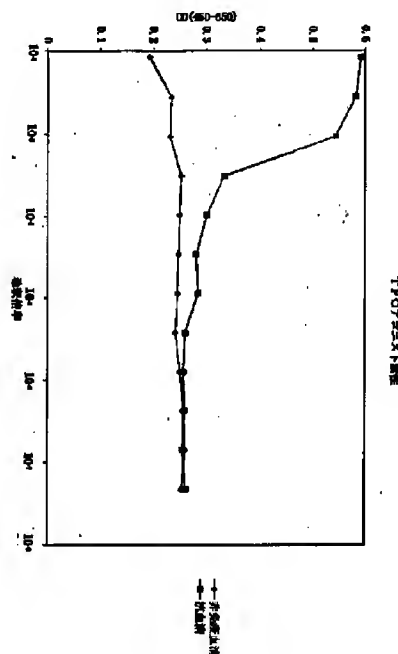
審査請求 未請求 請求項の数 8 O L (全 17 頁) 最終頁に続く

(21) 出願番号 特願平8-105101

(22) 出願日 平成8年(1996)4月25日

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(54) 【発明の名称】 c-MPLリガンドアゴニスト抗体







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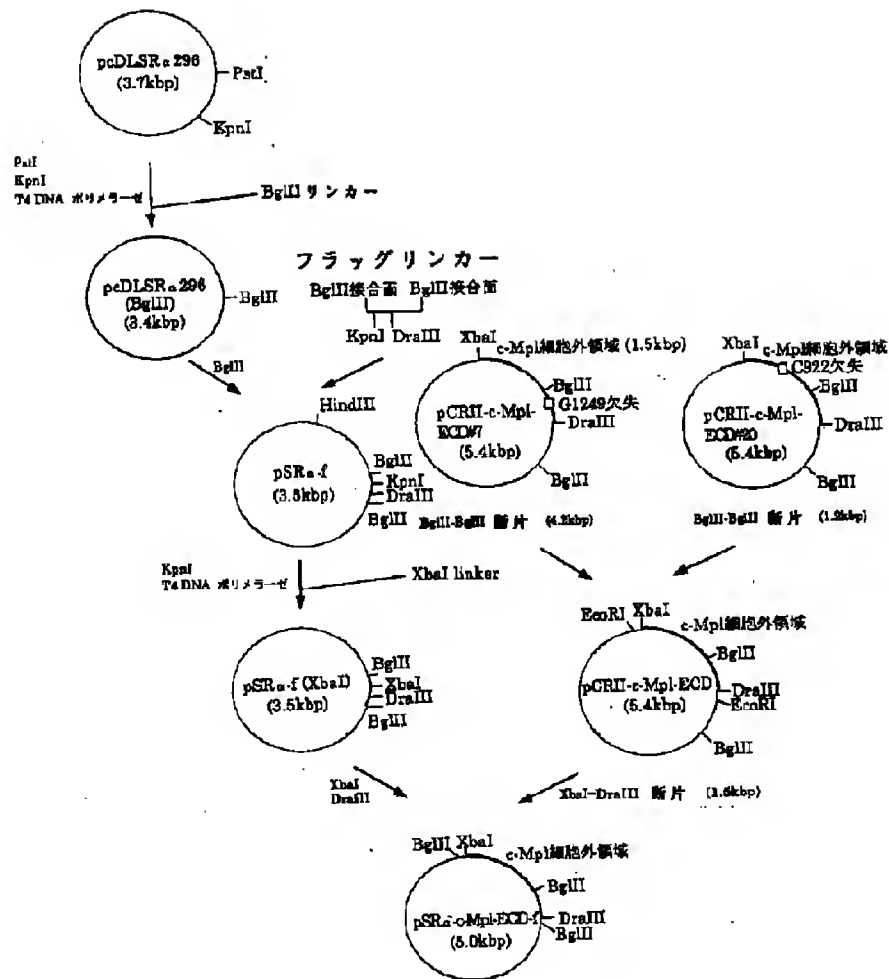


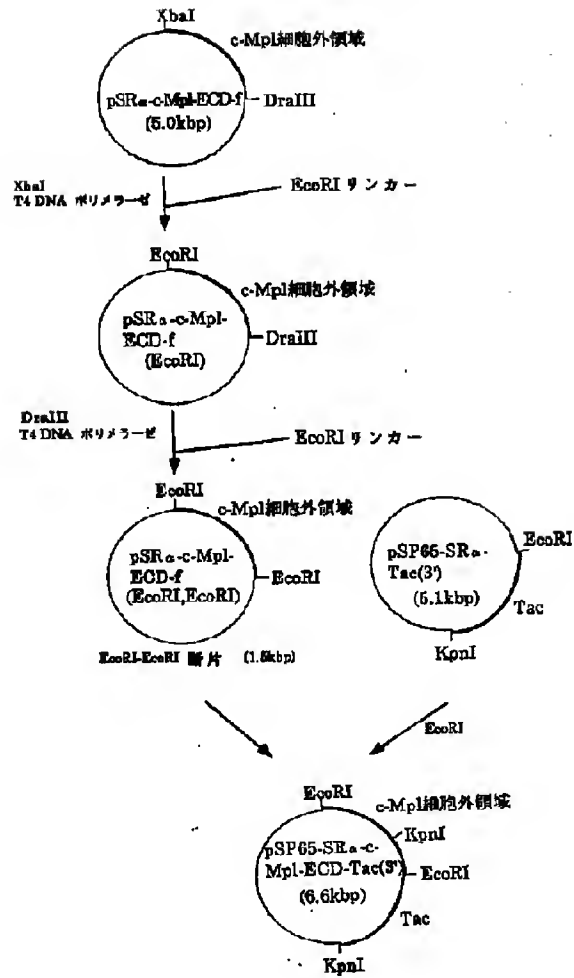


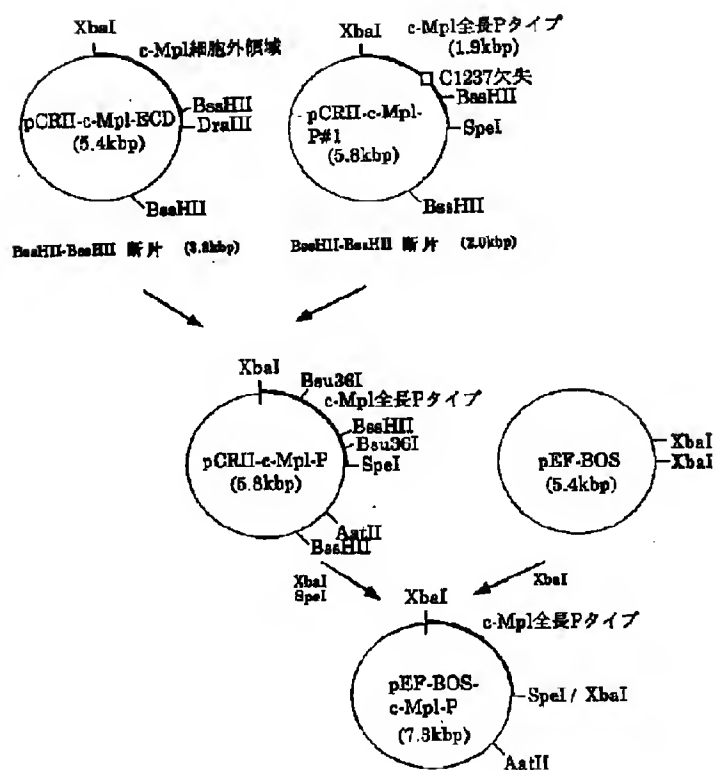
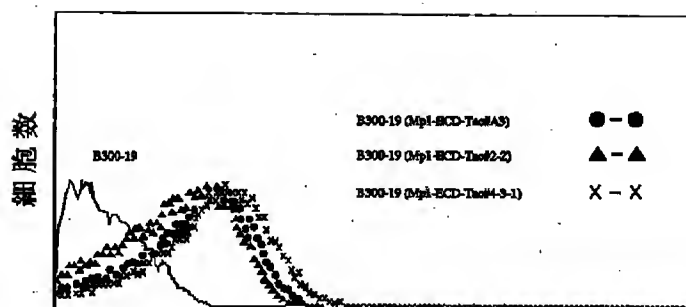




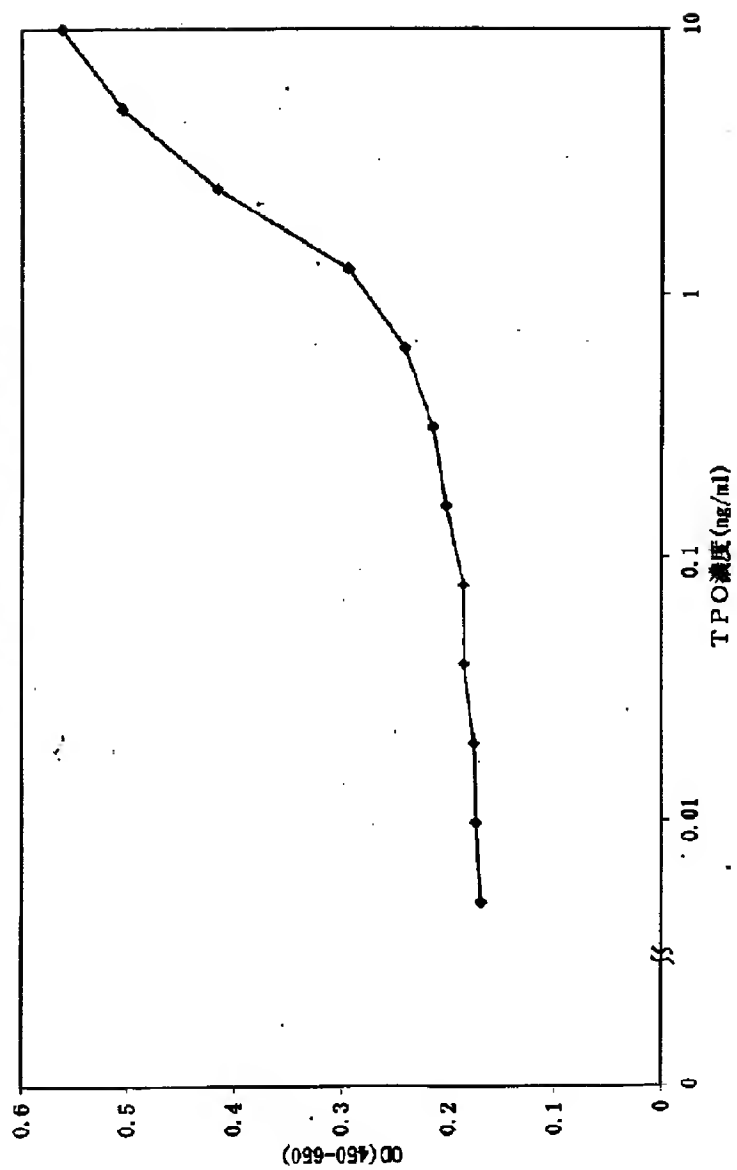








BaF3-cmpl#9のTPO濃度依存性増殖





TPOアゴニスト活性

